Problem 5—Okily Dokily

Hens love roosters, geese love ganders, everyone else loves Ned Flanders!

Write a program to convert a line of text into Flander-speak. If a word ends in a vowel (A,E,I,O,U), -LY should be appended to the word. If a word ends in a consonant (but not Y), -ILY should be appended to the word. If a word ends in a Y and the Y is preceded by a consonant, the Y should be replaced with -ILY. If the Y is preceded by a vowel, then the Y and the preceding vowel are replaced by -ILY.

INPUT SPECIFICATION. Each input case is a single line, followed by **<EOLN>**. The line consists ONLY of spaces and capital letters. The line neither begins nor ends with a space. There will never be two spaces in a row. There will never be two Y's in a row. There won't be a word consisting only of Y. THERE AREN'T ANY DIRTY TRICKS!!! An extra **<EOLN>** follows the last case.

OUTPUT SPECIFICATION. The output cases appear in the same order as the corresponding input cases. Each converted string should be printed out preceded by the case number, formatted, and followed by two **<EOLN>**'s as in the sample below.

SAMPLE INPUT.
OKEY•DOKEY**<EOLN>**
YOU•ARE•A•WONDERFUL•PERSON**<EOLN>**
SCOOBY•DOOBY•DOO**<EOLN>**
<EOLN>
<EOF>

SAMPLE OUTPUT.
Case•1:•Flanders•says•"OKILY•DOKILY"**<EOLN>**
<EOLN>
Case•2:•Flanders•says•"YOULY•ARELY•ALY•WONDERFULILY•PERSONILY"**<EOLN>**
<EOLN>
Case•3:•Flanders•says•"SCOOBILY•DOOBILY•DOOLY"**<EOLN>**
<EOLN>
<EOF>